

caGrid Development Monthly Technical Status Report – September 2011

This report covers the progress made in the ongoing development of caGrid under Statement of Work 28XS097 during the month of September 2011 and has been prepared following the requirements of section 4.1.3 of that S.O.W.

Issues Resolved

The following issues were moved into the “resolved” status in the caGrid Jira tracker during the period of September 1st to September 30th. Version numbers of “caGrid 1.5” refer to the next release of caGrid which supports SHA 2 certificates; Version numbers of “caGrid 1.6” refer to a future release.

Issue Type	Key	Summary	Resolution	Affects Version/s
Task	CAGRID-789	Remove the BDT Remover project	Fixed	caGrid 1.6
Bug	CAGRID-786	Data Service auditors config file property is not created properly by Introduce UI	Fixed	caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6
New Feature	CAGRID-766	WS-Enumeration extension upgraders from 1.3 and 1.4 to 1.5	Fixed	caGrid 1.3, caGrid 1.4, caGrid 1.5
New Feature	CAGRID-758	caGrid metadata extension 1.4 to 1.5 and 1.6 upgrader	Fixed	caGrid 1.5, caGrid 1.6
New Feature	CAGRID-753	Upgraders for SDK 4.3 data services from 1.3 and 1.4 to 1.5	Fixed	caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6
Task	CAGRID-749	Upgrade Core Services with Introduce 1.5	Fixed	
Sub-Task	CAGRID-730	CAGRID-728 Technical Status Report for August 2011	Fixed	Sprint 2011_08_01-2011_08_12, Sprint 2011_08_15-2011_08_26, Sprint 2011_08_29-2011_09_09
Sub-Task	CAGRID-725	CAGRID-723 Technical Project Plan Update for August 2011	Fixed	Sprint 2011_08_01-2011_08_12, Sprint 2011_08_15-2011_08_26, Sprint 2011_08_29-2011_09_09
Task	CAGRID-722	Create LOE for 21 CFR Part 11 artifacts	Fixed	caGrid 1.4
Task	CAGRID-651	caGrid 4/4/2011 weekly task review document	Fixed	
New Feature	CAGRID-591	caGrid_metadata extension 1.4 and 1.5 and 1.6 upgrader needs to add the version resource property	Fixed	caGrid 1.5, caGrid 1.6
Task	CAGRID-	Update caGrid timeline png and vsd	Fixed	caGrid 1.4

	500			
Task	CAGRID-372	caGrid build to support Ant 1.8	Fixed	caGrid 1.6

New Issues Identified

The following issues were added to the Jira tracker during the period of August 1st to August 31st. Note that the term “issue” is somewhat generic in Jira, and encompasses bugs, new features, tasks, etc.

Issue Type	Key	Summary	Status	Affects Version/s
New Feature	CAGRID-794	Upgraders for SDK 4.2 data services from 1.5 and 1.4 to 1.6	Open	caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6
New Feature	CAGRID-793	Upgraders for SDK 4.3 data services from 1.5 and 1.4 to 1.6	Open	caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6
New Feature	CAGRID-792	Upgraders for SDK 4.0 data services from 1.5 and 1.4 to 1.6	Closed	caGrid 1.4, caGrid 1.5, caGrid 1.6
New Feature	CAGRID-791	Upgraders for SDK 4.1 data services from 1.5 and 1.4 to 1.6	Closed	caGrid 1.3, caGrid 1.4, caGrid 1.5
New Feature	CAGRID-790	Data Service Upgrader for 1.4 and 1.5 to 1.6	In Progress	caGrid 1.6
Task	CAGRID-789	Remove the BDT Remover project	Closed	caGrid 1.6
Bug	CAGRID-788	Website column of cat_entry table stores URL as serialized java.net.url	Open	
Bug	CAGRID-787	Catalog editing issues in Portal 3.5	Open	
Bug	CAGRID-786	Data Service auditors config file property is not created properly by Introduce UI	Closed	caGrid 1.3, caGrid 1.4, caGrid 1.5, caGrid 1.6

Releases of the caGrid Software

No releases of the software were made during the reporting period. With the reduced funding levels for development activities across the NCI and especially within the caBIG program, it is unlikely that a release will be made of the caGrid software in the near future, as this would require other project teams to upgrade their products.

Presentations, Documentation Updates, Community Communication

The development team continues to interact with the user community and Knowledge Center, which facilitates community support and requirements gathering.

As expressed in the August update of this document, the caGrid 1.5 development grid with SHA 2 certificates has been created and a community announcement regarding it has been drafted. As described in the “Releases” section, the dev team believes that development of the SHA 2 support release is substantially complete. The dev team is awaiting approval of CBIIT to go ahead with the formal public announcement of the development and testing grid installation.

Outstanding Issues Being Actively Worked

Numerous issues are being actively worked by the development team, as identified in the section “New Issues Identified” with the status “In Progress”. Since this report is a snapshot and issues being worked will change frequently, interested parties are advised to monitor the caGrid development Jira tracker at <https://tracker.nci.nih.gov/browse/CAGRID>. Long running issues being worked include the following:

- [CAGRID-540](#)
 - The overarching SHA 2 implementation task
 - See the above information regarding the development grid.
- [CAGRID-640](#)
 - The overarching task to create upgraders for services from previous versions of caGrid to the current version
 - Numerous tasks are linked to this one so that all upgraders can be identified and development progress tracked.

Critical Risks or External Dependencies

- The caGrid 1.5 with SHA 2 support development grid has been deployed at Ohio State, and is awaiting approval of a community announcement.
 - The SHA 2 support upgrade will require downstream products to upgrade and work through any issues encountered. The sooner they are able to test their products with the new version of the grid, the cleaner and more robust the final release will be.
- The de-scoped and scaled down development of caGrid will make it difficult to deliver new features that customers and users have requested in a timely manner.
 - This delay may cause them to abandon the grid entirely, or find alternative solutions to their use cases.

- A mechanism for quicker support and feature addition releases could be researched and identified with the understanding that the only such changes made under this model wouldn't impact the deployment of the production grid, which requires significant coordination and advance scheduling.